



# MASTER: Antimicrobial Susceptibility CLSI Standards

Sponsored by the Centers for Disease Control and Prevention Office of Antimicrobial Resistance

## DESCRIPTION

This course provides a detailed overview of the Clinical and Laboratory Standards Institute (CLSI) standards for antimicrobial susceptibility testing of bacteria isolated from clinical specimens. It focuses on the supplemental tables that correlate with the standards and the interpretive criteria for antimicrobials recommended for testing a variety of bacteria. The course provides essential information for those new to antimicrobial susceptibility testing and serves as an important refresher for experienced laboratory professionals.

## AUDIENCE

Laboratory professionals who have knowledge of basic medical microbiology and who perform antimicrobial susceptibility testing or are considering adding it to the laboratory's testing menu.

## OBJECTIVES

At the conclusion of this program, the participant will be able to:

- Recognize the role of CLSI in developing standards for antimicrobial susceptibility testing of bacteria isolated from clinical specimens.
- Identify CLSI standards for antimicrobial susceptibility testing of bacteria isolated from clinical specimens.
- Given a particular organism, select antimicrobial agents appropriate for testing and reporting from the correct CLSI table.
- Outline a strategy for selective reporting of antimicrobial agents using CLSI tables.

## REGISTRATION

### FREE REGISTRATION

- Register online at [www.cdc.gov/labtraining](http://www.cdc.gov/labtraining)
- If you have difficulty with the online registration process, please email [labtraining@cdc.gov](mailto:labtraining@cdc.gov)
- For additional program information, email [labtraining@cdc.gov](mailto:labtraining@cdc.gov) or call (404) 498-6022

## CONTINUING EDUCATION

The Centers for Disease Control and Prevention Laboratory Training Branch is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® Program. This course is approved for **1.0** contact hours.

This course has been approved for **1.0** contact hours in the category of Microbiology/Mycology/Parasitology for Florida Laboratory Licensees.

## SPECIAL NEEDS

Course content is closed captioned where applicable and optimized for a screen reader.



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